

REQUEST FOR PROPOSAL

COUNTY OF SAN BERNARDINO
PURCHASING DEPARTMENT

Date: May 8, 2008

Proposal No. **J-115**

Materials and/or Services: **Truck, Patch, 4x4 w/Blade**

To Be Delivered To: County of San Bernardino
Public Works Operations
825 E. 3rd Street
San Bernardino, CA 92415-0845

Page 1 of 16 Pages

Submit each individual proposal in separate sealed envelope with proposal number marked on outside to:

County Purchasing Agent
777 East Rialto Avenue
San Bernardino, CA 92415-0760
BEFORE: Tuesday, June 3, 2008, 11 AM

For further information, call: Zachary L. Avey
Buyer II
(909) 387-2070

INSTRUCTIONS AND CONDITIONS

1. All prices and notations must be typewritten or printed in ink. No erasures permitted. Mistakes may be crossed out and corrections made adjacent, and must be initialed in ink by person signing quotation.
2. State brand, or make, on each item. If quoting an article exactly as specified, the words "or equal" must be stricken out by the vendor. If quoting on other than make, model or brand specified, the manufacturer's name and the catalog number must be given, or descriptive cut and information attached to the quotation.
3. Quote on each item separately. Prices should be stated in units specified herein.
4. Each quotation must be in separate sealed envelope with proposal number on outside, and must be received by County Purchasing Agent, 777 East Rialto Avenue, San Bernardino, CA 92415-0760 no later than the hour and day specified hereon, at which time it will be publicly opened and read.
5. Time of delivery is a part of the consideration and must be stated in definite terms, and must be adhered to. If time varies on different items, the vendor shall so state in the column provided, opposite each item.
6. Terms of less than 30 days for cash discount will be considered as net.
7. All quotations must be signed with the firm's name and by a responsible officer or employee. Obligations assumed by such signatures must be fulfilled.
8. Unless otherwise definitely specified, the prices quoted herein do not include California Sales or Use Tax. For questions regarding taxes contact the State of California Franchise Tax Board.
9. No charge for packing, drayage, or for any other purpose will be allowed over and above the prices quoted on this sheet.
10. The right is reserved, unless otherwise stated, to accept or reject any or all quotations, or any part thereof, either separately or as a whole, or to waive any informality in a proposal.
11. The County recognizes that price is only one of several criteria to be used in judging a product or service, and the County is not legally bound to accept the lowest quote.
12. Samples of items, when required, must be furnished free of expense to the County; and if not destroyed by tests, will upon request be returned at vendor's expense.
13. In case of default by the vendor, the County of San Bernardino may procure the articles or service from other sources and may deduct from unpaid balance due the vendor, or may collect against the bond of surety, or mail bill for excess costs so paid, and the prices paid by the County of San Bernardino shall be considered the prevailing market prices paid at the time such purchase is made.
14. Cost of transportation, handling, and/or inspection on deliveries, or offers for delivery, which do not meet specifications, will be for the account of the vendor.
15. The vendor shall hold the County of San Bernardino, its officers, agents,

servants and employees, harmless and defend same from liability of any nature or kind on account of use of any copyright, or uncopyrighted composition, secret process, patented or unpatented invention, article, or appliance furnished or used under this quotation.

16. Neither party will be held liable for failure or delay in fulfillment if hindered or prevented by fire, strikes, or Acts of God. (Force Majeure)

17. Quotations are subject to acceptance at any time within the manufacturers model build.

18. Verify your quotations before submission, as they cannot be withdrawn or corrected after being opened.

19. RETURN THIS SHEET WHETHER OR NOT YOU QUOTE A PRICE. If you do not quote, state your reason; otherwise your name may be removed from the mailing list.

20. Accounts paid for transportation of property to the County of San Bernardino are exempt from Federal Transportation Tax. An exemption certificate is not required where the shipping papers show the consignee as San Bernardino County, as such papers may be accepted by the carrier as proof of the exempt character of the shipment.

21. To be considered, each vendor must have an approved Vendor Application on file with the Purchasing Department. Vendors must register online through the County Website at <http://www.sbcounty.gov/purchasing/>.

22. The Vendor agrees to comply with Executive Orders 11246, 11375, 11625, 12138, 12432, 12250, Title VII of the Civil Rights Act of 1964, the California Fair Employment Practice Act, Equal Employment Opportunity, San Bernardino County Emerging Small Business Enterprise program, and other applicable Federal, State, and County laws, regulations, and policies relating to equal employment and contracting opportunities, including laws and regulations hereafter enacted. The articles covered by the quotation must conform with safety orders of OSHA, CALOSHA and/or NIOSHA, and OSH-POD.

23. Assignment of the contract by the vendor to other suppliers/contractors must be approved by the Purchasing Agent in writing.

24. Prevailing Wages: Where labor is required for public work as a part of any requirements covered by this request for proposal, pursuant to the provisions of the Labor Code of the State of California, contractor shall pay no less than those minimum wages.

25. Conflict of Interest: Your signature hereon certifies that no County employee, whose position in the County service enables them to influence any award of your offer or any competing offer, shall have any direct or indirect financial interest in any transaction resulting from this request for proposal.

26. Vendors making delivery or providing services on County premises shall carry liability insurance and Worker's Compensation coverage in accordance with the County's Standard Practice requirements.

IMPORTANT: Place signed proposal in envelope, **seal** envelope and show **proposal number** on outside. Return proposal to the County Purchasing Agent, 777 East Rialto Avenue, San Bernardino, CA 92415-0760
PRICES QUOTED F.O.B. DESTINATION UNLESS OTHERWISE STATED.

The following must be filled in by the contractor in submitting his proposal:

Date _____

Company _____

Delivery will be made in _____ days
from receipt of order unless otherwise noted.

Address _____

Cash Discount Terms _____

City & State _____ Zip _____

Signed By _____

Telephone No. (_____) _____

A. STANDARD TERMS AND CONDITIONS

1.0 IMPROPER CONSIDERATION:

Vendor shall not offer (either directly or through an intermediary) any improper consideration such as, but not limited to, cash, discounts, service, the provision of travel or entertainment, or any items of value to any officer, employee or agent of the County in an attempt to secure favorable treatment regarding the award of this proposal.

The County, by written notice, may immediately terminate any contract resulting from this proposal process if it determines that any improper consideration as described in the preceding paragraph was offered to any officer, employee or agent of the County with respect to the proposal and award process. This prohibition shall apply to any amendment, extension or evaluation process once a contract has been awarded.

Vendor shall immediately report any attempt by a County officer, employee or agent to solicit (either directly or through an intermediary) improper consideration from Vendor. The report shall be made to the supervisor or manager charged with supervision of the employee or to the County Administrative Office.

In the event of a termination under this provision, the County is entitled to pursue any available legal remedies.

2.0 INACCURACIES OR MISREPRESENTATIONS:

If in the course of the RFP process or in the administration of a resulting contract, County determines that Vendor has made a material misstatement or misrepresentation or that materially inaccurate information has been provided to County, Vendor may be terminated from the RFP process or in the event a contract has been awarded, the contract may be immediately terminated.

3.0 EMPLOYMENT OF FORMER COUNTY OFFICIALS:

Vendors are required to provide information on former County of San Bernardino administrative officials (as defined below) who are employed by or represent your business. The information provided must include a list of former County administrative officials who terminated County employment within the last five years and who are now officers, principals, partners, associates or members of the business. This list should also include the employment and/or representative capacity and the dates these individuals began employment with or representation of your business.

For purposes of this section, "County administrative official" is defined as a member of the Board of Supervisors or such officer's staff, County Administrative Officer or member of such officer's staff, County department or group head, assistant department or group head, or any employee in the Exempt Group, Management Unit or Safety Management Unit.

Failure to provide this information may result in the response to the Request for Proposal being deemed non-responsive.

4.0 DISCLOSURE OF CRIMINAL AND CIVIL PROCEEDINGS:

The County reserves the right to request the information described herein from the vendor selected for contract award. Failure to provide the information may result in a disqualification from the selection process and no award of contract to the vendor. The County also reserves the right to obtain the requested information by way of a background check performed by an investigative firm. The selected vendor also may be requested to provide information to clarify initial responses. Negative information provided or discovered may result in disqualification from the selection process and no award of contract.

The selected vendor may be asked to disclose whether the firm, or any of its partners, principals, members, associates or key employees (as that term is defined herein), within the last ten years, has been indicted on or had charges brought against it or them (if still pending) or convicted of any crime or offense arising directly or indirectly from the conduct of the firm's business, or whether the firm, or any of its partners, principals, members, associates or key employees, has within the last ten years, been indicted on or had charges brought against it or them (if still pending) or convicted of any crime or offense involving financial misconduct or fraud. If the response is affirmative, the vendor will be asked to describe any such indictments or charges (and the status thereof), convictions and the surrounding circumstances in detail.

In addition, the selected vendor may also be asked to disclose whether the firm, or any of its partners, principals, members, associates or key employees, within the last ten years, has been the subject of legal proceedings as defined herein arising directly from the provision of services by the firm or those individuals. "Legal proceedings" means any civil actions filed in a court of competent jurisdiction, or any matters filed by an administrative or regulatory body with jurisdiction over the firm or the individuals. If the response is affirmative, the vendor will be asked to describe any such legal proceedings (and the status and disposition thereof) and the surrounding circumstances in detail.

For purposes of this provision "key employees" includes any individuals providing direct service to the county. "Key employees" do not include clerical personnel providing service at the firm's offices or locations.

5.0 DISPUTES RELATING TO PROPOSAL PROCESS AND AWARD:

In the event a dispute arises concerning the proposal process prior to the award of the contract, the party wishing resolution of the dispute shall submit a request in writing to the Director of Purchasing. Vendor may appeal the recommended award or denial of award, provided the following stipulations are met:

- a. Appeal must be in writing.
- b. Must be submitted within ten (10) calendar days of the date of the recommended award or denial of award letters.

An appeal of a denial of award can only be brought on the following grounds:

- a. Failure of the County to follow the selection procedures and adhere to requirements specified in the RFP or any addenda or amendments.
- b. There has been a violation of conflict of interest as provided by California Government Code Section 87100 et seq.
- c. A violation of State or Federal law.

Appeals will not be accepted for any other reasons than those stated above. All appeals must be sent to:

Laurie Rozko, Interim Director
County of San Bernardino Purchasing Department
777 E. Rialto Avenue
San Bernardino, CA 92415-0760

6.0 PARTICIPATION:

The County desires that the municipalities, school districts, and other tax districts within the state of California, may at their option and through the County Purchasing Agent avail themselves of the contract resulting from this proposal. Upon notice in writing, the Vendor agrees to the extension of the terms of a resultant contract with such Governmental bodies as though they have been expressly identified in this proposal, with the provision that:

- a. Such Governmental body does not have and will not have in force any other contract for like purchases.
- b. Such Governmental body does not have and will not have under consideration for any other contract for like purchases.
- c. Such Governmental body shall make purchases in it's own name, make payment direct to the Vendor, and be liable directly to the vendor, holding the County harmless there of.

7.0 ELECTRONIC FUND TRANSFER PROGRAM:

Contractor shall accept all payments from County via electronic funds transfer (EFT) directly deposited into the Contractor's designated checking or other bank account. Contractor shall promptly comply with directions and accurately complete forms by County required to process EFT payments.

8.0 LOCAL PREFERENCE POLICY:

The County of San Bernardino has adopted a preference for vendors whose principle place of business is located within the boundaries of the County. A five percent (5%) preference may be applied prior to approval of any purchase or acquisition of services, equipment, goods, or supplies.

For purposes of the application of the local preference policy (County Policy 11-12), "principal place of business" is defined as the vendor's main office (or headquarters) or a major regional office. A "major regional office" is defined as a business location apart from the vendor's main office (or headquarters) which:

Has been issued a business license, if required, and has been established and open for a minimum of six months prior to the date that the approval authority authorizes the circulation of an RFP/RFB/Quote for any contract, agreement, or purchase order to which it responds; and

Can demonstrate on-going business activity in the field of endeavor on which the Vendor is proposing, from that office during the preceding six months; and

Has a minimum of twenty-five percent (25%) of the vendor's full time management employees and twenty-five percent (25%) of its full time regular employees working from the County of San Bernardino location(s).

The County's Local Preference Policy means for example, if two Vendors are responding to this RFP and if quality, service and ability to meet the County's needs are equal, County staff must determine if one of the Vendors is a local vendor. If one of the Vendors is a local vendor, and its quoted price or cost for services, equipment, goods or supplies does not exceed five percent (5%) of the other vendor's quoted price or cost, unless it is determined that an exemption applies, staff may recommend the local vendor for the contract award.

SPECIFICATIONS - TWO (2) 4X4 PATCH TRUCKS WITH SNOW PLOW	YES	NO	COMMENTS
<p>General: The following specifications describe construction equipment to be used by the Transportation Operations Division, of the San Bernardino County, Department of Public Works. The machine will be a new and currently advertised model built by a well-established manufacturer of this type of machinery. <u>Please note, this specification is based on one manufacturer's design. The intent of the department is not to limit or eliminate proposals, but to start with a buildable set of specifications.</u> In the event of major failure during the warranty period, the vendor will furnish or reimburse the County for the transportation of the machinery to the vendor's place of business for repairs.</p>			
<p>The specifications herein shall not be construed in any way to mean the degrading or elimination of accepted standards of engineering and craftsmanship in configuration and construction. ALL EXCEPTIONS to the specifications contained herein must be on the Proposal Sheet or attachment and shall be clearly stated with detailed information on the pros and cons of the exception to be considered at the time of award. All subcontractors or suppliers and vendors of attachments to this unit must be listed on the bid sheet. Vendor to be the sole responsible party for equipment, attachments and specialized components.</p>			
<p>Warranty: The entire unit(s) and its attachments, as specified, shall be fully warranted from date of delivery for three (3) years or 36,000 miles, whichever comes first, excluding consumable items such as oil and filters, and normal wear items such as belts, hoses, cutting edges, etc. Manufacturer's standard warranty shall accompany the vehicle, together with all the information required by the manufacturer on the warranty form.</p>			
<p>County staff may perform authorized warranty repairs and receive reimbursement for travel, labor and parts.</p>			
<p>Safety: The successful vendor must certify that they will meet all existing regulations contained in the State of California Construction Safety Orders and/or O.S.H.A. at time of acceptance, for this type of machinery, all applicable South Coast Air Quality Management District Regulation, Fire Codes or any other applicable laws or regulations for on- or off-road, and day or night operation.</p>			
<p>State where the unit is being manufactured.</p>			
<p>If equipment does not meet minimum specifications, vendor will be required to make necessary correction at their expense.</p>			
<p>List the locations of available replacement parts and normal time required for delivery of such parts. Vendor shall guarantee replacement parts and make sure that they are available within 48 hours or less. If parts are not available in this time period, vendor shall reimburse the County for the cost of renting a machine until the part arrives.</p>			
<p>Supply a list of recommended parts to stock and a published price list.</p>			
<p>Delivery: Prior to delivery, new vehicle must be completely serviced in accordance with the standard new vehicle "made ready" and the manufacturer's recommendations. Signed document shall be supplied.</p>			
<p>Fuel tank to be filled. Unit delivered to the Public Works Department at 210 N. Lena Rd., Building 6c, San Bernardino, CA 92415-0835, shall contain a pre-delivery check sheet and what operations have been performed on the vehicle and signed by the mechanics or individuals who worked on the unit. Unit shall have an odometer reading of less than 500 miles when unit is accepted meeting specifications. Exceeding</p>			

SPECIFICATIONS - TWO (2) 4X4 PATCH TRUCKS WITH SNOW PLOW	YES	NO	COMMENTS
mileage stated will result in refusal of unit and cancellation of order or \$3.00 per mile.			
Vendor: The successful vendor may contact the Operations Equipment Superintendent prior to delivery so that arrangements can be made for pre-delivery inspection on vendor's premises. (If outside a 100 mile radius from San Bernardino site, vendor shall pay travel and meal expenses for two people – notification shall be 30 days in advance). Under no circumstances will a partial delivery of accepted specifications be made. The vendor shall also make available qualified service and operational personnel for post delivery familiarization with the Operations' personnel. The vendor shall include a revisit to the equipment approximately thirty (30) days after it is placed in service. The revisit shall include checking all operating systems for proper operations, adjustments, leaks, or any other defects, at no additional cost to the County.			
Notice: <ol style="list-style-type: none"> 1. Vendor shall complete the right-hand column indicating specific size and/or make and model of all components when not exactly as specified. State "AS SPECIFIED" if item is exactly as set forth in the left-hand column. 2. Proposal pricing shall remain open for a twelve (12) month period from date of award. After the twelve (12) month period has elapsed, the proposal may, at the County's option and with agreement of the Manufacturer/Vendor, remain open for a maximum of three (3) years. The annual price increase shall not exceed the U. S. Department of Commerce price index or documented manufactures price increases for the type of equipment proposed. 3. Five (5) copies of the proposal will be provided, the wet signature copy marked "Original" with the remainder marked "Copy #1 through #5". 4. All proposal sheets, drawings, warranties and any supplemental proposals shall bear the signature of the company representative and the company seal. 5. Any changes to equipment specifications and or delivery dates from an awarded proposal must be made in writing on company letterhead and approved by the Purchasing Agent prior to any action on the part of the vendor. 6. Award may be made on "Life cycle" cost projection; vendor may be required to provide additional information to enable the County to evaluate equipment life. Failure to provide additional information requested in a timely manner will result in Non Responsive Status. 			
Selection of unit will be made by a selection committee and will be made by evaluating life costs of the unit, safety, production level of unit and operators, training need to operators and technicians, needed parts and tool assets, etc.			
Vendor shall attach with bid the names, phone numbers and type of application of all users of the bid model.			
Vendor, upon request, shall deliver a machine to San Bernardino location so it can be operated and evaluated by a selection committee.			

FAILURE TO COMPLETE THE RIGHT-HAND COLUMN WILL INVALIDATE THIS PROPOSAL

	YES	NO	COMMENTS
I. CHASSIS			
A. Lengths: approximately WB 180" maximum			
B. GVWR: 38,000 lbs. minimum			
C. Front axle 18,000 lbs. suspension 18,000 lb. Heavy duty springs and shocks minimum rating of 18,000 lbs. (NO EXCEPTIONS TO THESE MINIMUM RATINGS.) Limited slip.			
D. Rear axle 23,000 lb. minimum axle ratio 4.30. Rear suspension 23,000 lb. minimum main with 23,000 lb., 4-leaf aux. minimum 23,000 lb. (NO EXCEPTIONS TO THESE MINIMUM RATINGS.) Limited slip.			
E. Axle Equipment/Driveline			
1. Drag Link and Tie Rods: greased and sealed			
2. Steering: power, integral Ross HFB-64			
3. Wheel Seals: rear C.R. Scotseal			
4. Magnetic traps, drain plug, fill plugs			
F. Tires and Wheels- Steel – MAX GVAR			
1. Front Tires: Tubeless radial 11R22.5 - 14 ply Michelin XZE. Disc 10H 22.5 x 8.25 1 pc.			
2. Rear Tires: Tubeless radial 11R22.5. - 14 ply Michelin XZE. Disc 10H 22.5 x 8.25 1 pc.			
3. Wheel Color: black			
G. Brakes: 4-Wheel, ABS			
1. Front: air brakes S cam 16.5" x 5"			
2. Rear: air brakes S cam 16.5" x 7"			
3. Slack Adjusters: auto, front and rear – extended reach rods.			
4. Parking Brake: Maxi II Spring Set RA			
5. Air Compressor: 13 CFM TU-F10 501 with air dryer Bendix AD-9			
H. Fuel tank(s): one 50-gallon steel tank (No plastic fuel lines or valves)			
I. Bumper: Steel Channel type front bumper full width			
J. Frame - 15.9 SM 110,000 PSI minimum single channel all bolted frame construction. Rivets not accepted. After frame construction rivets not accepted. After frame no welds - splices.			
1. Minimum 12" frame forward of front grill			
K. Mud flaps - F & R axles. Shall not be connected to cab, shall be mounted separate of body and shall meet California aggregate hauling regulations. "Quick Flaps" only.			
II. CAB			
A. Exterior equipment			
1. Style: aerodynamic			
2. Mounting: on a cab cushion suspension system			
3. Drip Rails: over doors			
4. Hood: forward tilting, front end			
5. Horn: electric and air with bell cover			

	YES	NO	COMMENTS
6. Glass: Maximum allowable tinting all around and laminated windshield.			
7. Heated mirrors: dual 16" x 7" stainless with a 6" stainless convex mounted below primary mirror			
8. Windshield Wipers: two-speed, electric			
9. Entry-Assist Handles: left and right			
10. Step: first step from ground to be 18"			
11. Passenger side step to be a lockable tool box style.			
B. Interior cab equipment			
1. Galvanized inside and out including door, outer panels, and inside minimum dimensions floor to top of cab 54" and width 67". (NO EXCEPTIONS TO MINIMUM DIMENSIONS.)			
2. Map Pocket: driver's door			
3. Steering Wheel: 16" diameter			
4. Steering Column: adjustable, tilting and telescoping			
5. AC/Heater: integral, R134A			
6. Two (2) Seats: high back, air, adjustable, arm rests on inside sides.			
7. Seat Belts: lap and shoulder, driver and passenger			
8. Floor Mat: padded			
C. Operator's Compartment: devices shall be individually replaceable from the front without gauge cluster having to be removed (include but not limited to):			
1. Gauges			
a. Air Pressure: two, direct read			
b. Oil Pressure: direct read			
c. Voltage			
d. Temperature: engine coolant			
e. Fuel			
f. Engine Hour Meter: on dash			
2. Lights			
a. Engine Oil			
b. Air Pressure			
c. Hydraulic pump on and off.			
d. Water-in-Fuel Warning			
e. Low air alarm			
f. Hydraulic pump			
g. Red night glare dome light			
3. Alarms			
a. Low Air: on dash			
4. Valves: parking break, dash mounted			
5. Speedometer: electric, MPH/KMH			
6. XATA Net. GPS with driver log cab display.			
7. Ignition: with key lock, right side of steering column. Six (6) keys			
8. 12 volt AC adapter plug (female)			

	YES	NO	COMMENTS
III. ENGINE DIESEL WITH PARTICULATE TRAP			
A. Horsepower: minimum net of 300 at 2400 RPM and maintain peak efficiency at 8,000 ft. altitude			
B. Engine shall meet SCAQMD and CARB regulations for low sulfur diesel with particulate trap at time of delivery			
C. Exhaust System: Comply with all current California regulations for exhaust and sound emissions			
1. Jacob's Brake: with selector switch (NO EXCEPTIONS)			
D. Oil Filter: two 1½ qt. full flow			
E. Fuel Pump: electronic, fuel filter/water separator			
F. Air Cleaner: two stage, dry type with restriction indicator on dash			
G. Cooling System: heavy duty with spin on coolant filter, fan clutch - Eaton 660.			
H. Front mounted crank hydraulic pump for blade, sander and patch body.			
IV. TRANSMISSION			
A. 6 speed manual transmission, clutch: self adjusting splicer SAS1402 or equivalent.			
B. Electronic controlled 2 speed transfer case.			
V. ELECTRICAL			
A. Battery: three each 925 CCA low maintenance type			
B. Alternator: 130 AMP			
C. Starter: 12-volt			
D. Automatic Daytime Headlight Control System: SEE-me Model SM 228179-xx or equal			
E. Circuit Protectors			
F. Emergency Flashers – LED			
G. Headlights: two rectangular, halogen			
H. Taillights & Turn signals: four, one set below body and attached to frame, one set attached to body (L.E.D LIGHTS)			
I. Reverse Lights and Alarm: Preco Model 380			
J. Dome Light			
K. Map Light			
VI. PAINT			
A. Body: orange (matching existing Transportation Department units)			
B. Frame: black			
C. Wheels – black			
VII. PATCHER			
A. Unit is permanently mounted to a truck chassis to be used for patching with hot asphalt. Drawing to be attached to bid for proposed unit. Including hydraulic circuits and volume. Weight distribution.			
B. Shall be powered from hydraulic pump on front of engine.			
C. Hydraulic tool circuits equipped.			
D. Capacity: 4 ½ cubic yards			

		YES	NO	COMMENTS
	1. The entire container shall be double walled construction with a minimum of 2" insulation throughout. The inner walls of the container shall be constructed of 3/16 GA HR steel and the outer walls shall be constructed of 12 GA HR steel.			
	2. The interior walls of the loading lids shall have expansion corrugations. The top loading doors shall be double wall construction with a minimum of two inches insulation and shall be opened and closed hydraulically with 1 ½ inch diameter by eleven inch stroke cylinders. The doors shall be hinged so that in the open position, material loaded into the container will be funneled toward the center of the container.			
	3. The rear door shall be double wall construction with two inches of insulation and shall open and close through use of a two inch diameter by eleven inch stroke cylinder. The rear door is to have the capabilities of 240 sq. in. of discharge area.			
	4. The hydraulic controls for all functions of the container top lids and rear door shall be located at the right, rear corner of the container for optimum visibility of all operations. Need to be able to control opening and closing of doors from driver's seat and rear of container.			
	5. The insulated sloping floor shall not be less than 45 degrees from horizontal.			
	6. The material shall be discharged by hydraulic driven motor. It shall have forward and reverse controls.			
	7. Hydraulic pump and reservoir should be of adequate size and capacity to run the sander unit continuously for 8 hours without adversely heating up the oil or motor. Tank shall be mounted on the outside with a sight level glass and temperature gauge. Fill will be accessible to add fluid. All to be accessible to operator.			
E.	Electric Heater			
	1. 230 Volt, 36 AMP, Hydraulically driven AC generator. 12,000 watt.			
F.	Hand Torch: The hand torch shall have a pilot with a needle valve control and a capacity of 120,000 BTU. A minimum of 25' of hose shall also be supplied on a retractable reel. Fuel for the hand torch and patcher burner to be supplied from LPG tank mounted on the unit.			
G.	Emulsion Spray Unit			
	1. The emulsion pump shall be Air Applied. It shall be actuated from the spray wand handle by a weather proof switch.			

	YES	NO	COMMENTS
2. The emulsion tank shall have a total capacity of 175 gallons and 20 gallons of cleaning fluid. The tank shall be equipped with suitable filling and cleaning orifices and the necessary valves for rapid flushing of the hose and spray wand. Both compartments shall have the proper plumbing to enable the operator to rapidly switch from emulsion to soap for flushing the emulsion pump and lines after use. The tank shall be mounted directly behind the truck cab in such a manner that will not interfere with operation of the container. Tank shall have adequate steps and handholds to adequately access and fill unit.			
3. Emulsion System shall have a recirculation system to re-circulate emulsion back to tank when spray bar or wand is not in use.			
4. The emulsion tank shall be equipped with a heat transfer unit of steel heating coils capable of heating the emulsion to approximately 150 degrees F and using the truck engine cooling system as the heat source. All hoses and plumbing from the cooling system of the truck shall have a shut off valve at the tank.			
5. The emulsion tank shall be equipped with 240 volt electrical heating system for overnight heating and shall be controlled by a four position temperature switch with heat ranges of high, medium and low. Whether proof box.			
H. Spray Wand and Hose/Rear Spray Bar: the spray wand shall be 5' in length with a swivel handle that will not transfer heat from the wand and shall be equipped with a manual shut off valve to eliminate dripping and an electrical switch at the emulsion pump. The hose shall be heavy duty with the length 25' past the container on a retractable reel.			
I. Rear spray bar shall be 8' wide with valves to shut on/off 4', with 8 removable spray tips. Electronically activated from cab.			
J. Drip Pan: there shall be 10-gallon drip pan/waste oil combination container mounted under patcher body with necessary valves for draining and cleanings 1" minimum drain valve. Mounted to not interfere with excess hose from spray wand.			
K. Compactor Lift Platform Hydraulically actuated lift platform located at the passenger side of the unit. Platform constructed of 3/16 HR angle iron. Cylinder shall be 1½" diameter with 18" stroke. Adequately braced with pin locks for travel. 8 gallon water tank mounted to truck to fill compactor plate.			

	YES	NO	COMMENTS
L. Toolbox: Lockable, weatherproof, 19" H x 19" D x 36" L. w/ chains on door to prevent falling when opened. Passenger side.			
M. Hose reels, retractable: single hose reels for emulsion spray hose, hand torch and reel for jack hammer. All hoses are 25'.			
N. LPG Tank: 35-gallon LPG tank shall be mounted on the passenger side under body.			
O. Sanding Attachment (Provide Separate Quote): the spinner shall have six formed polyurethane vanes which result in a flat trajectory and uniform pattern from 4' to 40'. Sanding controls mounted in cab to allow driver to operate while driving.			
P. Pivotal Asphalt Chute (Provide Separate Quote)			
Q. Side Discharge Conveyor (Provide Separate Quote)			
R. Compactor Plate (Provide Separate Quote and List Model Number)			
S. Hydraulic Snow Blade Henke 30R1015 or equal. Snow plow and hitch.(vendor provide manufacture, model, weight, and price) Henke 30 R 10 or equal			
1. Blade shall be front mounted, quick disconnect design, 120" wide minimum 30" tall. Shall be strength and weight designed appropriate to push loose sand, debris, or packed snow from a roadway. Minimum of three trip springs.			
2. Hydraulics shall be fully electrically operable from inside cab. Joy Stick. Functions to include up, down pressure, detent position, float, 30 degrees hydraulic angle to the left or right with blade in straight positions. Also sander unit functions in joy stick. Shall have a ram for each side of blade. Hydraulics from front mounted engine pump crankshaft.			
3. Shall have Caterpillar standard bolt pattern, bolt on cutting edges. (2) 5' sections.			
4. Snow plow lighting package. Hood shall fully open without disconnecting wires or bolts to blades or lights. Install a switch in cab to turn on rear work lights for use during night cinderling.			
5. Plow to be mounted as not to interfere with any operator, inspection or maintenance needs.			
6. Arm rests and controls ergonomically designed for continuous 12 hour operation.			
7. All controls to be permanently labeled and lighted for night operation.			
VIII. MISCELLANEOUS EQUIPMENT			
A. Fire Extinguisher: mounted 10 lb. ABC easily accessible from driver's station inside			
B. Chock Blocks, two rubber with storage racks on left-side of vehicle with safety securement chain			

	YES	NO	COMMENTS
C. Emergency Triangle Road Reflector Kit: mounted in the cab in a permanent case			
D. Reverse monitor camera (Mounted on Floor pedestal – braced adequately (no roof or dash mounting allowed). Flat screen monitor Quote Separately			
IX. MISCELLANEOUS			
A. Manuals Per Truck			
• Engine Parts: One copy			
• Engine Shop: One copy			
• Chassis & Drive Train Parts: One copy			
• Chassis & Drive Train Shop: One copy			
• Operator's Manual: two copies			
• Maintenance Guide: two copies			
• Smog: one copy			
• Weight Certificate			
• empty: one copy			
• Vehicle Manufacture forms: completely filled out			
• 6 sets of keys			
• Training: four hours in classroom and four hours in the field, in the Big Bear and Blue Jay Yards for operator, technicians and parts personnel. Training shall include as a minimum:			
• Safe operation of truck and accessories with a written test on basics			
• Maintenance and servicing of the unit			
• Repair to unit			
• Describe time and scope of training to be supplied			

PROPOSAL SHEET

DELIVERY _____ BUSNISS DAYS. EACH @ \$ _____

WARRANTY

MAKE

MODEL

OPTIONS:

VENDOR SHALL QUOTE PRICING SEPARATELY TO PROVIDE UNIT WITH THE FOLLOWING:

- | | |
|------------------------------------|----------|
| 1. AM/FM Stereo radio with speaker | \$ _____ |
| 2. Rear Vision Camera System | \$ _____ |
| 3. Compactor Plate | \$ _____ |
| 4. Sanding Attachment | \$ _____ |
| 5. Pivotal Asphalt Chute | \$ _____ |
| 6. Side Discharge Conveyor | \$ _____ |
| 7. Spare Tire and Wheel (Front) | \$ _____ |
| 8. Spare Tire and Wheel (Rear) | \$ _____ |
| 9. Hydraulic Jack Hammer | \$ _____ |

VEHICLE FILE MAINTENANCE

1. Unit Number	:	_____	Dept.	_____	21. Tire Ply, etc.	:	_____	Psi:	_____
2. Veh. Year -	:	_____	-	_____	22. Fuel Type	:	_____		
3. Vehicle Model	:	_____	Sz:	_____	23. State	:	_____		
4. License Plate	:	_____	Class:	_____	24. Unit GVW	:	_____		
5. Serial/VIN Number	:	_____			25. Wheel Base	:	_____		
6. Location	:	_____			26. Alternator	:	_____	Amps:	_____
7. Type/Model/Serial # Of Particulate Trap	:	_____			27. Brakes	:	_____		
8. Registration #	:	_____			28. Steering	:	_____		
9. Odometer	:	_____	Fuel:	_____	29. Spec. Body	:	_____		
10. Date	:	_____	Insrv:	_____	30. Spec. Body	:	_____		
11. Engine Make	:	_____			31. Spec.	:	_____		
12. Engine Model/Year/Family #	:	_____			32. *Purchase Price	:	_____		
13. Transmis.	:	_____			Current	:	_____		
14. Transmis.	:	_____			33. Trade in	:	_____		
15. Rear End Make	:	_____			34. Deprec./Perd.	:	_____	/pd for	_____ Pd
16. Rear End Capacity	:	_____	Tons.	_____	35. License/Year	:	_____	/yr or	_____ /pd
17. Front Axle Capacity	:	_____			36. Insranc/Year	:	_____	/yr or	_____ /pd
18. Wheel Size	:	_____			37. License	:	Pd: _____	every	_____ pds
19. Tire Size	:	_____			38. Fuel X-Ref. #	:	_____		
20. Eng. Horsepwr	:	_____			39. Bed or Bucket Cu. Yd.	:	_____		

*Total Number of Periods to Depreciate: _____

SAN BERNARDINO COUNTY
Department of Public Works
Transportation/Flood Control
Vehicle Maintenance Master File

COMPONENT	RECOMMENDED SERVICE INTERVALS	OIL VISCOCITY/TYPE	REFILL CAPACITIES	FILTER/PART NUMBERS
ENGINE				
TRANSMISSION				
TRANSFER CASE				
PTO GEAR BOX				
AUX. GEAR BOX				
DIFFERENTIALS				
FINAL DRIVES				
HYDRAULIC SYSTEM				
CIRCLE DRIVE GEAR BOX				
INTAKE SYSTEM				
COOLING SYSTEM				
OTHER				

TIRE SPECIFICATIONS

TIRE POSITION	TIRE SIZE	TREAD DEPTH (NEW)	TIRE INFLATION (PSI)	WHEEL NUT TORQUE